

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	<b>6</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD2058_01_s _ 2013_6				
Comment Code					
Inspector Comment					
The LMA has current flood fight training.					

No Photos

LM Start		Rating **	A	Issue No.	<b>7</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2058_01_s _ 2013_7				
Comment Code					
Inspector Comment					
Flood fight supplies are available on-site at the office.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	<b>9</b>
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2058_01_s_2013_9				
Comment Code					
Inspector Comment					
The O&M Manual is available at the district office.					

No Photos

LM Start	<b>0.23</b>	Rating **	M	Issue No.	<b>4</b>
LM End	<b>0.23</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		37.804351°	37.804351°	
			-121.418433°	-121.418433°	
DWR ID	DWR_RD2058_01_f_2013_4				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Wild rose on the levee. This area is riparian rabbit habitat.					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_4\_20170421\_00042.jpg



View of the wild rose on the levee slope obstructing visibility and access.

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>21</b>
LM End	<b>0.55</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		37.802369°	37.802369°	
			-121.413902°	-121.413902°	
DWR ID	DWR_RD2058_01_s_2017_21				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_21\_20170421\_00043.jpg



View of the tree that needs to be trimmed.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	0.72	Rating **	A/W	Issue No.	976
LM End	0.72	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.801792 °	37.801792 °
				-121.410921 °	-121.410921 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45143 DS_ID:22704 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *Abandoned* 12-inch pipe 18.0 feet below crown. Flap gate on waterward side. Pump on landward side. Grouted in place under Permit No. 5055. Originally included in the 1964 O&M manual, SJR 10, March 1964. FS Date: 5/12/2015					

Photo 1 of 1 : UCIP\_SP\_2017\_45143\_45168.jpg



LS view: an abandoned pipe found in concrete sump.

LM Start	0.75	Rating **	U	Issue No.	22
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801756 °	37.802070 °
				-121.410395 °	-121.402816 °
DWR ID	DWR_RD2058_01_s_2017_22				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove thistle and other tall vegetation from levee slope to allow access and visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	1.22	Rating **	U	Issue No.	978
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.802301 °	37.802301 °
				-121.401977 °	-121.401977 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:51161  
DS\_ID:22694  
EP\_NO: 11546  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 11/29/2016 Heavy erosion still present. Could be due to wave run-up as this is the only spot on levee not rock revetted. Greg Pombo (RD2058) indicated permits for endangered species prevent rock revetment. (K. Fazel - UCIP)05/12/2015 Erosion on west side of pipe at W/S toe. (K. Fazel - UCIP)  
FIELD\_STRUCT\_DESC: 18-inch steel drainage pipe through the levee, 2 feet below the crown. Pump in ditch on the landside (LS). Siphon breaker with cover on waterside (WS) shoulder. Electrical service pole at the LS toe. (Permit No. 11546, 1976 - Reclamation District 2058).  
FS Date: 11/29/2016

LM Start	<b>1.22</b>	Rating **	U	Issue No.	<b>978 (cont)</b>
LM End	<b>1.22</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : UCIP\_SP\_2017\_51161\_45171.jpg



WS view: siphon breaker hole. Siphon breaker removed for repair.

Photo 2 of 3 : UCIP\_SP\_2017\_51161\_45170.jpg



LS view: pipe, pile structure, and pump platform in drain ditch.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	1.22	Rating **	U	Issue No.	978 (cont)
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.802301 °	37.802301 °
				-121.401977 °	-121.401977 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51161 DS_ID:22694 EP_NO: 11546 Repair Type: Urgent Crossing Status: Found UCIP Comments: 11/29/2016 Heavy erosion still present. Could be due to wave run-up as this is the only spot on levee not rock revetted. Greg Pombo (RD2058) indicated permits for endangered species prevent rock revetment. (K. Fazel - UCIP)05/12/2015 Erosion on west side of pipe at W/S toe. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 18-inch steel drainage pipe through the levee, 2 feet below the crown. Pump in ditch on the landside (LS). Siphon breaker with cover on waterside (WS) shoulder. Electrical service pole at the LS toe. (Permit No. 11546, 1976 - Reclamation District 2058). FS Date: 11/29/2016					

Photo 3 of 3 : UCIP\_SP\_2017\_51161\_74320.jpg



Siphon Breaker on WS shoulder.

LM Start	1.24	Rating **	M	Issue No.	24
LM End	2.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.802341 °	37.803914 °
				-121.401752 °	-121.386402 °
DWR ID	DWR_RD2058_01_s_2017_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_24\_20170421\_00044.jpg



View of the vegetation on the levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	1.82	Rating **	U	Issue No.	11
LM End	1.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.804785 °	37.804802 °
				-121.391524 °	-121.391304 °
DWR ID	DWR_RD2058_01_f_2013_11				
Comment Code					
MA : Material					
Inspector Comment					
Pile of concrete contains rebar on landside slope obstructing visibility and access.					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_11\_20170407\_00005.jpg



View of the concrete with rebar placed on the landside slope.

LM Start	2.12	Rating **	A/W	Issue No.	979
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.803892 °	37.803892 °
				-121.386299 °	-121.386299 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45865 DS_ID:22705 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel stormdrain pipe 8.0 feet below crown. Siphon breaker on waterside. Pump on concrete sump in drain ditch on LS toe. Originally included in the 1964 O&M manual, SJR 10, March 1964. FS Date: 5/12/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_45865\_74323.jpg



Siphon breaker on WS shoulder inside protective riser.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	2.12	Rating **	A/W	Issue No.	979 (cont)
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.803892 °	37.803892 °
				-121.386299 °	-121.386299 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45865 DS_ID:22705 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel stormdrain pipe 8.0 feet below crown. Siphon breaker on waterside. Pump on concrete sump in drain ditch on LS toe. Originally included in the 1964 O&M manual, SJR 10, March 1964. FS Date: 5/12/2015					

Photo 2 of 3 : UCIP\_SP\_2017\_45865\_74324.jpg



Pipe just visible at WS toe at center of photograph.

LM Start	<b>2.12</b>	Rating **	A/W	Issue No.	<b>979 (cont)</b>
LM End	<b>2.12</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : UCIP\_SP\_2017\_45865\_74325.jpg



Pump on concrete pad at LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable  N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	2.12	Rating **	M	Issue No.	980
LM End	2.12	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			37.803886 °	37.803886 °
				-121.386271 °	-121.386271 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51699					
DS_ID:22706					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Leaky and damaged siphon breaker on waterside shoulder..					
FIELD_STRUCT_DESC: 16-inch steel stormdrain pipe 8.0-feet below the crown. Siphon Breaker on waterward shoulder. Pump on concrete sump on landside. Originally included in the 1964 O&M manual, SJR 10, March 1964.					
FS Date: 5/13/2015					

Photo 1 of 3 : UCIP\_SP\_2017\_51699\_45192.jpg



WS view: exposed steel pipe (right) on channel bank.

LM Start	<b>2.12</b>	Rating **	M	Issue No.	<b>980 (cont)</b>
LM End	<b>2.12</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_51699\_45191.jpg



WS view: siphon breaker on concrete pad on levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	2.12	Rating **	M	Issue No.	980 (cont)	
LM End	2.12	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			37.803886 °	37.803886 °	
				-121.386271 °	-121.386271 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51699						
DS_ID:22706						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Leaky and damaged siphon breaker on waterside shoulder..						
FIELD_STRUCT_DESC: 16-inch steel stormdrain pipe 8.0-feet below the crown. Siphon Breaker on waterward shoulder. Pump on concrete sump on landside. Originally included in the 1964 O&M manual, SJR 10, March 1964.						
FS Date: 5/13/2015						

Photo 3 of 3 : UCIP\_SP\_2017\_51699\_45190.jpg



WS view: Upper part of the siphon breaker missing.

LM Start	2.28	Rating **	M	Issue No.	31
LM End	2.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.803192 °	37.800534 °
				-121.383407 °	-121.371755 °
DWR ID	DWR_RD2058_01_s_2017_31				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_31\_20170421\_00045.jpg



View of the vegetation on the levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	2.39	Rating **	A/W	Issue No.	16
LM End	2.39	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.802782 °	37.802782 °
				-121.381413 °	-121.381413 °
DWR ID	DWR_RD2058_01_s _ 2012_16				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry growing on landside toe. The LMA maintains the shrub to allow visibility.					

No Photos

LM Start	2.61	Rating **	A/W	Issue No.	63
LM End	2.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801962 °	37.801962 °
				-121.377684 °	-121.377684 °
DWR ID	DWR_RD2058_01_s _ 2012_63				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry on waterside slope.					

No Photos

LM Start	2.63	Rating **	A/W	Issue No.	64
LM End	2.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801876 °	37.801876 °
				-121.377291 °	-121.377291 °
DWR ID	DWR_RD2058_01_s _ 2012_64				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	2.64	Rating **	A/W	Issue No.	65
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801823 °	37.801823 °
				-121.377068 °	-121.377068 °
DWR ID	DWR_RD2058_01_s _ 2012_65				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.72	Rating **	A/W	Issue No.	66
LM End	2.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.801497 °	37.801497 °
				-121.375586 °	-121.375586 °
DWR ID	DWR_RD2058_01_s _ 2012_66				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	3.53	Rating **	A/W	Issue No.	68
LM End	3.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.794396 °	37.794396 °
				-121.364944 °	-121.364944 °
DWR ID	DWR_RD2058_01_s _ 2012_68				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
The LMA maintains the shrub to allow visibility.					

No Photos

LM Start	3.72	Rating **	M	Issue No.	974
LM End	3.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.791856 °	37.791856 °
				-121.363514 °	-121.363514 °
DWR ID	DWR_RD2058_01_s_2012_974				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Flagged bushes obstructing visibility and access.					

No Photos

LM Start	3.96	Rating **	U	Issue No.	26
LM End	3.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789128 °	37.789128 °
				-121.361042 °	-121.361042 °
DWR ID	DWR_RD2058_01_s _ 2012_26				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry on landside hinge point.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	3.97	Rating **	A/W	Issue No.	69
LM End	3.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789062 °	37.789062 °
				-121.360848 °	-121.360848 °
DWR ID	DWR_RD2058_01_s _ 2012_69				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.16	Rating **	M	Issue No.	32
LM End	5.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789087 °	37.782311 °
				-121.357520 °	-121.341965 °
DWR ID	DWR_RD2058_01_s _ 2017_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_32\_20170421\_00046.jpg



View of the vegetation on the levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	4.31	Rating **	A/W	Issue No.	71
LM End	4.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.789794 °	37.789794 °
				-121.354883 °	-121.354883 °
DWR ID	DWR_RD2058_01_s_2012_71				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	4.43	Rating **	M	Issue No.	1
LM End	4.47	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.789810 °	37.789810 °
				-121.352490 °	-121.352490 °
DWR ID	DWR_RD2058_01_s_2017_1				
Comment Code					
Inspector Comment					
07/20/2016: No significant change observed.					
08/04/2015: No significant change observed.					
08/26/2014: No significant change observed.					
08/28/2013: No significant change observed.					
07/26/2012: The site has been visited, and no significant change has been observed.					
09/02/2011: This site was not visited due to the time limit.					
09/22/2010: No significant change observed. Minor pocket erosions are lined at the lower bank. Two large Oak and Willow trees are on mid-slope and bench. The remaining bench was re-measured and found to be approximately 10 feet. There was no indication of active erosion on site during the site visit.					
08/05/2010: Recommended for annual assessment and monitoring of the site during flood events, per CLRO.					
07/23/2009: No major change observed since last visit; site is a 200-ft. long near-vertical berm erosion; recommend annual assessment and monitoring of the erosion site, per CLRO CES Evaluation 2008 Report; Site # is the same site previously reported as RM4.0,LM4.51; previously rated "U".					
09/10/2008: Two large trees (2-3' DBH) with partial roots exposed.					
2007: Visited site 03/13/2007. [2016 Site ID:RD2058U01RM3.97]					

Photo 1 of 3 : SP\_2017\_RD2058\_111\_1\_20170407\_00001.jpg



Direct view of the pocket erosion site.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	4.77	Rating **	U	Issue No.	15
LM End	4.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.785862 °	37.785862 °
				-121.350303 °	-121.350303 °
DWR ID	DWR_RD2058_01_f_2013_15				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
The erosion has about a 3 foot vertical cut at the waterside levee toe.					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_15\_20170407\_00007.jpg



View of the erosion at the waterside levee toe.

LM Start	5.63	Rating **	M	Issue No.	25
LM End	5.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.778515 °	37.778515 °
				-121.339136 °	-121.339136 °
DWR ID	DWR_RD2058_01_s_2016_25				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	5.71	Rating **	M	Issue No.	33
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.777735 °	37.777735 °
				-121.338103 °	-121.338103 °
DWR ID	DWR_RD2058_01_s_2017_33				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
The approximate 10 foot berm is eroding towards the levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	5.97	Rating **	M	Issue No.	28
LM End	5.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.774886 °	37.774886 °
				-121.335122 °	-121.335122 °
DWR ID	DWR_RD2058_01_s_2016_28				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_28\_20170407\_00012.jpg



View of the rodent holes on the levee slope.

LM Start	6.09	Rating **	A/W	Issue No.	27
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.773629 °	37.773503 °
				-121.333688 °	-121.333550 °
DWR ID	DWR_RD2058_01_s_2016_27				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled the rodent holes.					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_27\_20170407\_00011.jpg



View of the rodent burrows on the landside levee slope.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2058 Pescadero

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Paradise Cut	Left	6.58	04/19/2017 04/19/2017	Maksim Khashchuk

LM Start	6.15	Rating **	M	Issue No.	23
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.773124 °	37.773124 °
				-121.332850 °	-121.332850 °
DWR ID	DWR_RD2058_01_f_2016_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP\_2017\_RD2058\_111\_23\_20170407\_00010.jpg



View of the rodent hole on the landside levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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